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of

2

**Complete if Known**

Application Number	10/046.497
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<b>Filing Date</b>	October 26, 2001
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<b>First Named Inventor</b>	Ping, et al.
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Art Unit	2814
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Examiner Name	Le. Thao X.
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Attorney Docket Number	MTI-31041-A
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[illegible]

**Examiner  
Signature**

Date  
Considered

12/10/07

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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09-10-03



**(Use as many sheets as necessary)**

Sheet

of

2

Application Number	10/046.497
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<b>Filing Date</b>	<b>October 26, 2001</b>
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First Named Inventor	Ping, et al.
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Art Unit	2814
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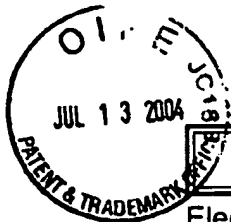
Examiner Name	Le, Thao X.
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Attorney Docket Number	MTI-31041-A
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09-10-03



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18  
Stylesheet Version v18.0

Title of Invention	Method for Forming Raised Structures by Controlled Selective Epitaxial Growth of Facet Using Spacer							
Application Number: 10/046497								
Confirmation Number: 8624								
First Named Applicant: Er-Xuan Ping								
Attorney Docket Number: MTI-31041-A								
Art Unit: 2814								
Examiner: Thao X Le								
Search string: ( 6392271 or 5578850 or 5753947 or 6433382 or 6018176 or 5547889 or 5460994 ).pn.								
US Patent Documents								
Note: Applicant is not required to submit a paper copy of cited US Patent Documents								
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	
<input checked="" type="checkbox"/>	1	6392271	2002-05-21	Alavi et al.		257	328	
<input type="checkbox"/>	2	5578850	1996-11-26	Fitch et al.		257	329	
<input type="checkbox"/>	3	5753947	1998-05-19	Gonzalez		257	296	
<input type="checkbox"/>	4	6433382	2002-08-13	Orlowski et al.		257	315	
<input type="checkbox"/>	5	6018176	2000-01-25	Lim		257	302	
<input type="checkbox"/>	6	5547889	1996-08-20	Kim		438	242	
<input checked="" type="checkbox"/>	7	5460994	1995-10-24	Kim		438	253	
Signature 								
Examiner Name					Date			
Thao Le					12/10/07			

PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0851-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		Application Number	10/046,497
		Filing Date	October 26, 2001
		First Named Inventor	Ping, et al.
		Art Unit	2814
		Examiner Name	Le, Thao X.
Sheet 1 of 1	Attorney Docket Number	MTI-31041-A	

U. S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
TL		US- 6,159,852	12/12/00	Nuttall et al.	
TL		US- 6,448,129 B1	09/10/02	Cho et al.	
TL		US- 6,458,699 B1	10/01/02	Nuttall et al.	
TL		US- 6,509,239 B1	01/21/03	Nuttall et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>4</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			

Examiner Signature	Date Considered	12/10/07
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<sup>1</sup>EXAMINER: Initials and reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup>Applicant's unique citation designation number (optional). <sup>3</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>4</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>7</sup>Applicant is to place a check mark here if English language translation is attached.

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(June 6, 2003)

## Patent

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE Washington, D.C. 20231  <b>SUPPLEMENTAL          INFORMATION DISCLOSURE          STATEMENT BY APPLICANT</b>	ATTY. DOCKET NO. MTI-31041-A	Serial No. 10/046,497
	Applicant Er-Xuan Ping	Confirmation No. 8624
	Filing Date October 26, 2001	Group Art Unit 2814

## U.S. PATENT DOCUMENTS

Examiner Initials	Patent Number	Publication Date	Patentee or Applicant	U.S. Class	Sub-Class
TL	6,492,232 B1	12-10-02	Tang et al.	438	269
↓	6,660,650 B1	12-09-03	Konecni et al.	438	720
↓	6,620,710 B1	09-16-03	Kamins	438	479
↓	5,208,172	05-04-93	Fitch et al.	437	40

Examiner Initials	TL	Date Considered	12/10/07
EXAMINER: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

MKE/1040370.1

1 of 1

Patent

Attorney Docket No. MTI-31041-A


U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE Alexandria, VA 22313  <b>INFORMATION DISCLOSURE          STATEMENT BY APPLICANT</b>	ATTY. DOCKET NO.	Serial No.
	MTI-31041-A	10/046,497
	Applicant	Confirmation No.
	Er-Xuan Ping	8624
	Filing Date	Group Art Unit
	October 26, 2001	2814

## U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Publication/ Issue Date	Patentee	U.S. Class	Sub-Class
TL		20040175893	09/09/2004	Vatus	438	300
TL		6,074,478	06/13/2000	Oguro	117	95

## OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

Examiner Initial		Non-Patent Document
TL		Ginsberg et al., "Selective epitaxial growth of silicon and some potential application," <i>IBM J. Res Develop.</i> 34(6): November 1990.

Examiner Initials		Date Considered	12/00/07
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

MKE/1076915.1

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October 10, 2005

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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** ( Not for submission under 37 CFR 1.99)

Application Number	10046497
Filing Date	2001-10-26
First Named Inventor	Er-Xuan Ping
Art Unit	2814
Examiner Name	Thao X. Le
Attorney Docket Number	MTI-31041-A

## **U.S. PATENTS**

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Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup>	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
TL	1	401286361	JP	A	1989-11-17	Matsumoto		<input type="checkbox"/>

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## **NON-PATENT LITERATURE DOCUMENTS**

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Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>

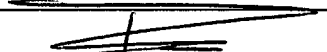
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10046497
Filing Date	2001-10-26
First Named Inventor	Er-Xuan Ping
Art Unit	2814
Examiner Name	Thao X. Le
Attorney Docket Number	MTI-31041-A

TL	1	Wolf, et al., Silicon Processing for the VLSI Era, Vol. 1: Processing Technology, 1986, page 155-156	<input type="checkbox"/>
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If you wish to add additional non-patent literature document citation information please click the Add button

**EXAMINER SIGNATURE**

Examiner Signature		Date Considered	02/10/07
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<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.





# Electronic Information Disclosure Statement

## Method for Forming Raised Structures by Controlled Selective Epitaxial Growth of Facet Using Space

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OCT -7 2002  
TECHNOLOGY CENTER 2800

Application:



10/046497

Confirmation: 8624

Applicant(s): Er-Xuan Ping

Docket  
Number: MTI-31041-A

Group Art Unit: 2814

Examiner: Thao X. Le

search string: ( 5393681 or 6391692 or 5308782 or 5998248 or 6319782 or 4554570 or 5200352 or 5376562 or 5079180 or 5753555 ).pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
TL	P01	5393681	1995-02-28		Witek et al.	438	164
TL	P02	6391692	2002-05-21		Nakamura	438	151
TL	P03	5308782	1994-05-03		Mazure et al.	438	154
TL	P04	5998248	1999-12-07		Ma et al.	438	231
TL	P05	6319782	2001-11-20		Nakabayaski	438	300
TL	P06	4554570	1985-11-19		Jastrzebski et al.	257	331

TL	P07	5200352	1993-04-06		Pfiester	257	344
TL	P08	5376562	1994-12-27		Fitch et al.	438	155
TL	P09	5079180	1992-01-07		Rodder et al.	438	297
TL	P10	5753555	1998-05-19		Hada	117	9

## Signature

Examiner Name	Date
/Thao Le/	11/26/2007